

**INVENTEK**

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Patent Application Ser. No.: 10/731,924

Ref./Docket No: CISCO-8385

Applicant(s): Adams, et al.

Examiner.: Tuan Thieu LAM

Filing Date: December 9, 2003

Art Unit: 2816

**FAX COVER PAGE**

TO: Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

United States Patent and Trademark Office  
(Examiner Tuan Thieu LAM, Art Unit 2816)

Fax No.: 703-872-9306

DATE: April 15, 2004

FROM: Dov Rosenfeld, Reg. No. 38687

RE: Preliminary amendment

Number of pages including cover: 18.

Official communication

Please urgently deliver a copy of this AMENDMENT to  
THE Examiner of record for this application, Art Unit 2816

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Date:

Apr. 15, 2004

Signed:

Name: Amy Drury

# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number

10/731,924

Filing Date

9 Dec 2003

First Named Inventor

Adams, Andrew

Group Art Unit

2816

Examiner Name

Tuan Thieu Lam

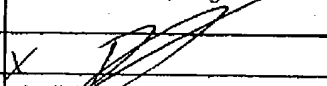
Attorney Docket Number

CISCO-8385

**ENCLOSURES (check all that apply)**

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input checked="" type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment / Response <b>PRELIMINARY AMENDMENT</b>	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> To Convert a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Additional Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	<input type="checkbox"/>
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Small Entity Statement	<input type="checkbox"/>
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Request of Refund	<input type="checkbox"/>
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application	Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT/ CORRESPONDENCE ADDRESS**

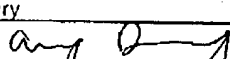
Firm or Individual name	Dov Rosenfeld, Reg. No. 38687
Signature	
Date	April 15, 2004

**ADDRESS FOR CORRESPONDENCE**

Firm or Individual name	Dov Rosenfeld 5507 College Avenue, Suite 2, Oakland, CA 94618, Tel: +1-510-547-3378
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**CERTIFICATE OF FACSIMILE TRANSMISSION**

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Type or printed name	Amy Drury	Date	April 15, 2004
Signature			

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APR 15 2004

OFFICIAL

Patent

Our Ref./Docket No: CISCO-8385

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Adams, *et al.*

Application No.: 10/731,924

Filed: Dec. 9, 2003

Title: A FREQUENCY SYNTHESIZER  
USING A VCO HAVING A  
CONTROLLABLE OPERATING POINT,  
AND CALIBRATION AND TUNING  
THEREOF

Group Art Unit: 2816

Examiner: Tuan Thieu Lam

TRANSMITTAL: PRELIMINARY STATEMENT/AMENDMENTCommissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Commissioner:

Transmitted herewith is a preliminary statement/amendment for the above referenced application.

This application has:

☐ a small entity status. If a claim for such status has not earlier been made, consider this as a claim for small entity status.☐ No additional fee is required.

## Certificate of Facsimile Transmission under 37 CFR 1.8

I hereby certify that this response is being facsimile transmitted to the United States Patent and Trademark Office at telephone number 703-872-9306 addressed the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on.

Date:

Apr. 15, 2004

Signed:

Amy Drury

Name: Amy Drury

Our Ref.: CISCO-8385

Page 2

The fee has been calculated as shown below:

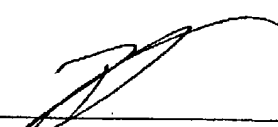
CLAIMS AS AMENDED						
	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	NO. OF EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE
TOTAL CLAIMS	19	MINU S	20	0	\$18	\$ 0.00
INDEP. CLAIMS	11	MINU S	10	1	\$86	\$ 86.00
TOTAL ADDITIONAL FEE DUE:						\$ 86.00

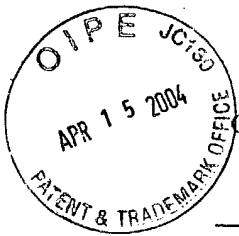
☒ A credit card payment form is attached for presentation of additional claims.☒ Applicant(s) believe(s) that no Extension of Time is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition for an extension of time.☐ Applicant(s) hereby petition(s) for an Extension of Time under 37 CFR 1.136(a) of:☐ one months (\$110)☐ two months (\$410)☐ two months (\$930)☐ four months (\$1450)

If an additional extension of time is required, please consider this as a petition therefor.

☐ A credit card payment form for the required fee(s) is attached.☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-0292 (A DUPLICATE OF THIS TRANSMITTAL IS ATTACHED):☒ Any missing filing fees required under 37 CFR 1.16 for presentation of additional claims.☒ Any missing extension or petition fees required under 37 CFR 1.17.

Respectfully Submitted,

Apr. 15, 2004  
Date  
Dov Rosenfeld, Reg. No. 38687Address for correspondence:  
Dov Rosenfeld  
5507 College Avenue, Suite 2,  
Oakland, CA 94618  
Tel. +1-510-547-3378; Fax: +1-291-295-2981

Our Ref./Docket No: CISCO-8385

Patent

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**Applicant(s): Adams, *et al.*

Application No.: 10/731,924

Filed: Dec. 9, 2003

Title: A FREQUENCY SYNTHESIZER  
USING A VCO HAVING A  
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AND CALIBRATION AND TUNING  
THEREOF

Group Art Unit: 2816

Examiner: Tuan Thieu Lam

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Alexandria, VA 22313-1450

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This application has:

☐ a small entity status. If a claim for such status has not earlier been made, consider this as a claim for small entity status.☐ No additional fee is required.**Certificate of Facsimile Transmission under 37 CFR 1.8**I hereby certify that this response is being facsimile transmitted to the United States Patent and Trademark Office at telephone number 703-872-9306 addressed the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on.Date: Apr. 15, 2004Signed: Amy Drury

Name: Amy Drury

Our Ref.: CISCO-8385

Page 2

The fee has been calculated as shown below:

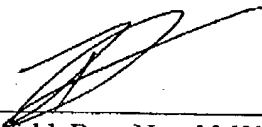
CLAIMS AS AMENDED						
	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	NO. OF EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE
TOTAL CLAIMS	19	MINUS	20	0	\$18	\$ 0.00
INDEP. CLAIMS	11	MINUS	10	1	\$86	\$ 86.00
TOTAL ADDITIONAL FEE DUE:						\$ 86.00

☒ A credit card payment form is attached for presentation of additional claims.☒ Applicant(s) believe(s) that no Extension of Time is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition for an extension of time.☐ Applicant(s) hereby petition(s) for an Extension of Time under 37 CFR 1.136(a) of:☐ one months (\$110)☐ two months (\$410)☐ two months (\$930)☐ four months (\$1450)

If an additional extension of time is required, please consider this as a petition therefor.

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Respectfully Submitted,

Apr. 15, 2004  
Date  
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Dov Rosenfeld  
5507 College Avenue, Suite 2,  
Oakland, CA 94618  
Tel. +1-510-547-3378; Fax: +1-291-295-2981

Our Ref./Docket No: CISCO-8385Patent **OFFICIAL****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE****RECEIVED**  
**CENTRAL FAX CENTER****APR 15 2004**Applicant(s): Adams, *et al.*

Application No.: 10/731,924

Filed: Dec. 9, 2003

Title: A FREQUENCY SYNTHESIZER USING A  
VCO HAVING A CONTROLLABLE  
OPERATING POINT, AND CALIBRATION AND  
TUNING THEREOF

Group Art Unit: 2816

Examiner: Tuan Thieu Lam

**PRELIMINARY AMENDMENT**Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Commissioner:

This is a preliminary amendment prior to any Office Action.

Any *amendments to the specification* begin on a new page immediately after these introductory remarks.Any *amendments to the claims* begin on a new page immediately after such *amendments to the specification*, if any.Any *amendments to the drawings* begin on a new page immediately after such *amendments to the claims*, if any.The *Remarks/arguments* begin on a new page immediately after such *amendments to the drawings*, if any.If there are drawing amendments, an *Appendix* including amended drawings is attached following the *Remarks/arguments*.

04/19/2004 AUONDAF1 00000011 10731924

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86.00 OP

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Date:

Apr. 15, 2004

Signed:

Name: Amy Drury